

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 90-008

AMENDING ORDER NO. 89-83, WASTE DISCHARGE REQUIREMENTS FOR:

PACIFIC RACING ASSOCIATION,
LADBROKE RACING CALIFORNIA INC. AND
SANTA FE PACIFIC REALTY CORPORATION
GOLDEN GATE FIELDS
ALBANY, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Regional (hereinafter Board), finds that:

1. The dischargers submitted a Report of Waste Discharge dated October 27, 1989 for amendment of Waste Discharge Requirements Order No. 89-83 to request an extension of the construction completion date.
2. In early October 1989, LW Environmental Services Inc., engineering consultant for Pacific Racing Association, informed the Regional Board that pre-construction soil borings revealed the presence of unsuitable conditions including high groundwater along the proposed sewer construction route, and the presence of decomposed landfill material, construction debris and flowing groundwater and flowing sands. Further evaluations suggest that trenching for gravity sewers under these conditions would be extremely difficult.
3. On October 27, 1989, LW Environmental Services submitted a new design for the wastewater collection system to use a forcemain system to permit the collection pipelines to be buried at relatively shallow depths to avoid the unsuitable conditions found at the site. The new design consists of eight smaller pumping stations as opposed to the original plan for one large central station. The proposed treatment and equalization ponds will have capacity of 1.8 millions and 3 millions, respectively. Due to construction difficulties and costs, the pumping capacity will be somewhat less than that in the initial proposal. For a 10 year design storm, approximately 84 percent of the total runoff will be intercepted, including the initial 5 hours of "first flush" runoff. Runoff from the proposed collection system after the initial 5 hours would not be considered a waste, as defined by the Water Code, and is unlikely to cause any adverse impacts on the water quality of the Bay. Furthermore, a six inch clay liner will be placed at the bottom of the aeration pond. The clay liner will provide additional barrier between the pond and existing groundwater.
4. The discharger and interested agencies and persons have been notified of the Board's intent to amend requirements for the existing discharge and have been provided with the opportunity for a public hearing and the opportunity to submit their written views and recommendations.

5. The Board, in public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the discharger, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder shall comply with the following:

1. Prohibitions 3 and 5. are revised to read as follows:

3.* No waste or reclaimed water shall be allowed to escape from the barn area, waste collection system, treatment pond and equalization pond into waters of the State via surface flow, airborne spray or surfacing after percolation. Additionally, the treatment pond and equalization pond should be protected against significant percolation with six inches of bottom materials exhibiting a permeability of 10^{-6} cm/second or the equivalent.

5.* Bypass or overflow of untreated or partially treated wastewater to waters of the State either at the treatment plant or from any of the collection or transport system is prohibited.

* This Prohibition is not applicable to the following upset conditions:


1) Overflow from the collection system after the initial 5 hours of "first flush" runoff.

2) Overflow from the collection system as a result of a succession of rain storms which fill the equalization pond when, at the same time, East Bay Municipal Utility District is unable to accept such flows from the discharger.

2. Discharge Provisions 2.b and 2.c are revised to read as follows:

<u>Item</u>	<u>Date</u>
b. Complete project construction and begin operating the wastewater facilities.	August 31, 1990
c. Submit a detailed operating and maintenance manual.	September 30, 1990

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on January 17, 1990.


STEVEN R. RITCHIE
Executive Officer

